

Project No. FeLV Vx

Book No. 203

TITLE Dialysis of Quillaja saponaria molina Bark extract

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Bark Extract Preparation150 ml Quillaja Saponaria Bark Extract in 1% NaNO₃centrifuge 12,000 rpm
in RC-5Bsmall red-brown pellet
(fibrous material)

Supernatant (light brown)

lyophilized

(unable to finish lyophilization with vacuum
due to problems with vacuum
pump, so sample was
stored at -20°C)

finished Lyophilization 6/18

redissolved in 10 ml H₂O

pH ~9

+ 160 µl 1N HOAc

pH ~5

diluted to 16 ml
total with H₂O47-A
Saved dialysate
at 4°C
dialyzed (12,000 MWCO) vs 1000 ml +
room temp., 8h47-B
Saved dialysate
dialyzed overnight (12,000 MWCO) vs 2nd
1000 ml H₂O47-C
Vc1 = 20 ml after dialysisdiluted to 25 ml with H₂O

47-C